

Ahmed Douik

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

628
citations

13
h-index

22
g-index

51
ext. papers

730
ext. citations

6.8
avg, IF

4.31
L-index

#	Paper	IF	Citations
47	Low-Complexity Power Allocation for Network-Coded User Scheduling in Fog-RANs. <i>IEEE Communications Letters</i> , 2021 , 25, 1318-1322	3.8	3
46	Low-Complexity Scheduling for Delay Minimization in D2D Communications Using Network Coding. <i>IEEE Communications Letters</i> , 2021 , 25, 2430-2434	3.8	3
45	Manifold Optimization for High-Accuracy Spatial Location Estimation Using Ultrasound Waves. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 5078-5093	4.8	2
44	Mode Selection and Power Allocation in Multi-Level Cache-Enabled Networks. <i>IEEE Communications Letters</i> , 2020 , 24, 1789-1793	3.8	4
43	A Tutorial on Clique Problems in Communications and Signal Processing. <i>Proceedings of the IEEE</i> , 2020 , 108, 583-608	14.3	4
42	Precise 3-D GNSS Attitude Determination Based on Riemannian Manifold Optimization Algorithms. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 284-299	4.8	2
41	Coalition Formation Game for Cooperative Content Delivery in Network Coding Assisted D2D Communications. <i>IEEE Access</i> , 2020 , 8, 158152-158168	3.5	3
40	Throughput Maximization in Cloud-Radio Access Networks using Cross-Layer Network Coding. <i>IEEE Transactions on Mobile Computing</i> , 2020 , 1-1	4.6	7
39	An Improved Weight Design for Unwanted Packets in Multicast Instantly Decodable Network Coding. <i>IEEE Communications Letters</i> , 2019 , 23, 2122-2125	3.8	4
38	Manifold Optimization Over the Set of Doubly Stochastic Matrices: A Second-Order Geometry. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 5761-5774	4.8	6
37	Rate Aware Network Codes for Cloud Radio Access Networks. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 1898-1910	4.6	12
36	Distributed Hybrid Scheduling in Multi-Cloud Networks Using Conflict Graphs. <i>IEEE Transactions on Communications</i> , 2018 , 66, 209-224	6.9	13
35	Data Dissemination Using Instantly Decodable Binary Codes in Fog-Radio Access Networks. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2052-2064	6.9	13
34	Cardinality Estimation Algorithm in Large-Scale Anonymous Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 569-578	0.4	
33	Throughput Maximization in Cloud Radio Access Networks Using Network Coding 2018 ,		4
32	Joint Scheduling and Beamforming via Cloud-Radio Access Networks Coordination 2018 ,		2
31	A Riemannian Approach for Graph-Based Clustering by Doubly Stochastic Matrices 2018 ,		3

30	Delay Reduction in Multi-Hop Device-to-Device Communication Using Network Coding. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 7040-7053	9.6	8
29	A Game-Theoretic Framework for Network Coding Based Device-to-Device Communications. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 901-917	4.6	11
28	Rate Aware Instantly Decodable Network Codes. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 998-1011	9.6	12
27	Rate-Aware Network Codes for Video Distortion Reduction in Point-to-Multipoint Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 7446-7460	6.8	5
26	Instantly Decodable Network Coding: From Centralized to Device-to-Device Communications. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 1201-1224	37.1	32
25	On Using Dual Interfaces With Network Coding for Delivery Delay Reduction. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 3981-3995	9.6	7
24	Data dissemination using instantly decodable binary codes in fog-radio access networks 2017 ,		2
23	Low-Complexity Scheduling and Power Adaptation for Coordinated Cloud-Radio Access Networks. <i>IEEE Communications Letters</i> , 2017 , 21, 2298-2301	3.8	5
22	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2756-2770	6.8	17
21	Delivery time reduction for order-constrained applications using binary network codes 2016 ,		7
20	Hybrid Radio/Free-Space Optical Design for Next Generation Backhaul Systems. <i>IEEE Transactions on Communications</i> , 2016 , 64, 2563-2577	6.9	47
19	Instantly decodable network coding for real-time device-to-device communications. <i>Eurasip Journal on Advances in Signal Processing</i> , 2016 , 2016,	1.9	45
18	Coordinated Scheduling and Power Control in Cloud-Radio Access Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 2523-2536	9.6	32
17	Rate aware network codes for coordinated multi base-station networks 2016 ,		6
16	Rate-aware network codes for completion time reduction in device-to-device communications 2016 ,		7
15	Resilient backhaul network design using hybrid radio/free-space optical technology 2016 ,		5
14	Cost-effective hybrid RF/FSO backhaul solution for next generation wireless systems. <i>IEEE Wireless Communications</i> , 2015 , 22, 98-104	13.4	78
13	. <i>IEEE Wireless Communications</i> , 2015 , 22, 66-73	13.4	54

12	Coordinated scheduling for the downlink of cloud radio-access networks 2015 ,		12
11	Cost-effective backhaul design using hybrid radio/free-space optical technology 2015 ,		6
10	Delay reduction in multi-hop device-to-device communication using network coding 2015 ,		15
9	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5956-5970	9.6	10
8	Hybrid Scheduling/Signal-Level Coordination in the Downlink of Multi-Cloud Radio-Access Networks 2015 ,		4
7	Rate Aware Instantly Decodable Network Codes 2015 ,		13
6	Partially Blind Instantly Decodable Network Codes for Lossy Feedback Environment. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 4871-4883	9.6	23
5	A Lossy Graph Model for Delay Reduction in Generalized Instantly Decodable Network Coding. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 281-284	5.9	17
4	Completion time reduction in instantly decodable network coding through decoding delay control 2014 ,		21
3	On Minimizing the Maximum Broadcast Decoding Delay for Instantly Decodable Network Coding 2014 ,		16
2	A game theoretic approach to minimize the completion time of network coded cooperative data exchange 2014 ,		13
1	Delay reduction in lossy intermittent feedback for generalized instantly decodable network coding 2013 ,		12